

IN THE CLAIMS

Kindly rewrite the claims as follows:

5 21. An anchoring apparatus for use in a tubular member, the apparatus comprising:
 -a top swage member;
 -a first cylindrical anchoring member disposed about said top swage member; said
first anchoring member containing a first plurality of expandable circumferential ribs formed thereon,
said first plurality of circumferential ribs being configured to form a substantially metal-to-metal seal
10 with the tubular member;
 -a setting tool for driving said top swage member into said [top swage] and radially
deforming said first cylindrical anchoring member so that said first plurality of circumferential ribs
are expanded outward; and
 -an extension member having a first end attached to said first cylindrical anchoring
15 member.

1st cyl. anch member

22. The apparatus of claim 21 wherein said first plurality of circumferential ribs at least
partially embed in the tubular member when forming said substantially metal-to-metal seal.

23. The apparatus of claim 22 wherein said first cylindrical anchoring member further
comprises an elastomeric seal set apart from said first plurality of circumferential ribs.

24. The apparatus of claim 23 further comprising:
 -a second cylindrical anchoring member attached to a second end of said extension
25 member, said second cylindrical anchoring member including a second plurality of circumferential

ribs disposed about said second cylindrical anchoring member, said second plurality of circumferential ribs being configured to provide a substantially metal-to-metal seal with the tubular member;

-a bottom swage member disposed within said second cylindrical anchoring member;

-and wherein said setting tool is further adapted for driving said bottom swage member into said bottom swage member and radially deforming said second cylindrical anchoring member so that said second plurality of circumferential ribs are expanded outward.

26. The apparatus of claim 25 wherein said second cylindrical anchoring member further comprises an elastomeric seal set apart from said second plurality of circumferential ribs.

34. An apparatus for sealing and anchoring within a tubular member, the apparatus comprising:

-a top swage member;

-a first cylindrical sleeve being at least partially disposed within said top swage, said first sleeve including a first plurality of circumferential ribs disposed thereon for forming a substantially metal-to-metal seal with the tubular member and a first elastomeric seal spaced apart from said first plurality of circumferential ribs;

-a setting tool for driving said top swage member into said top swage member and wherein driving of said top swage member radially deforms said first cylindrical sleeve so that said first cylindrical sleeve expands radially outward.

35. The apparatus of claim 34 further comprising:

-a second cylindrical sleeve connected to said first cylindrical sleeve, said second cylindrical sleeve including a second plurality of circumferential ribs disposed thereon for forming

a substantially metal-to-metal seal with the tubular member;

-a bottom swage member disposed within said second cylindrical sleeve;

-and wherein said setting tool is further adapted for driving said bottom swage into
said bottom swage member such that said swage member radially deforms said second cylindrical
5 sleeve so that said second cylindrical sleeve expands radially outward.

36. The apparatus of claim 35 further comprising a series of annular grooves associated
with said first and second plurality of circumferential ribs.

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(continued)

37. The apparatus of claim 36 wherein said second cylindrical sleeve has disposed
thereon a second elastomeric seal set apart from said second plurality of circumferential grooves.

Kindly add the following new claims (38-51):

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Sub Dn> 38. An apparatus for anchoring a downhole assembly in a tubular member disposed in
a well bore, comprising:

-an anchoring member associated with the downhole assembly, said anchoring
member including a substantially circumferential rib element for providing a substantially metal-to-
20 metal seal with the tubular member when radially expanded into engagement with the tubular
member.

39. The apparatus according to claim 38 wherein said anchoring member includes a
Teflon coating.

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40. The apparatus according to claim 38 wherein said rib element is formed of a metal harder than the material of the tubular member such that said rib element at least partially embeds in the tubular member.

5 41. The apparatus according to claim 38 further comprising a swage member for radially expanding said anchoring member.

42. The apparatus according to claim 39 further comprising a setting tool for driving said swage member.

10 43. The apparatus according to claim 38 further comprising an elastomeric member disposed on said sealing member at a spaced apart distance from said rib element, said elastomeric member providing a secondary seal when expanded.

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(cont.)
15 sub 05 > 44. An apparatus for anchoring a downhole assembly in a tubular member disposed in a well bore, comprising:

-and anchoring member for affixing the downhole assembly to the tubular member, said anchoring member having a substantially elastomer-free rib element for engaging the tubular member when radially expanded.

20 New
45. The apparatus according to claim 44 wherein said anchoring member further comprises a first group and second group of substantially elastomer-free rib elements, said first group of rib elements being more embedded in the tubular member than the second group of rib elements when said first and second groups are expanded.

46. The apparatus according to claim 44 further comprising a swage member adapted to expand said rib element.

47. The apparatus according to claim 44 further comprising a first and second group of elastomer-free rib elements and an elastomer sealing element interposed between said first and second groups.

Sub D₆ 48. An anchoring system for use in a well bore having a tubular, comprising:

- (a) a downhole tool for performing a predetermined task in the wellbore;
- (b) an anchoring assembly for affixing said tool in the tubular, said anchoring assembly including a sealing member provided with a rib element adapted to form a substantially metal-to-metal seal with the tubular when expanded; and
- (c) a setting tool for expanding said rib element.

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(concl)

49. The anchoring system according to claim 48 further comprising a swage cooperating with said setting tool to engage and expand said sealing member.

50. The anchoring system according to claim 48 wherein said downhole tool is selected from a group consisting of (i.) a tubing patch, (ii.) a casing patch, (iii.) a gravel pack assembly, and (iv.) a bridge plug.

51. The anchoring system according to claim 48 wherein said setting tool is one of (i.) hydraulically operated and (ii.) explosively actuated.